

=> d his ful

(FILE 'HOME' ENTERED AT 17:36:57 ON 09 MAY 2006)

FILE 'REGISTRY' ENTERED AT 17:37:29 ON 09 MAY 2006

L1 5 SEA PLU=ON (GAGAGS){2}(GVGV{3}GKGVP(GVGP){4}(GAGAGS){2}/SQSP

L2 5 SEA PLU=ON ((GAGAGS){2}(GVGV{3}GKGVP(GVGP){4}(GAGAGS){2})){13  
}/SQSP

FILE 'HCAPLUS, USPATFULL, USPAT2, TOXCENTER, MEDLINE, EMBASE' ENTERED AT  
17:39:19 ON 09 MAY 2006

L3 11 SEA PLU=ON L2

L4 6 DUP REM L3 (5 DUPLICATES REMOVED)

ANSWERS '1-5' FROM FILE HCAPLUS

ANSWER '6' FROM FILE USPATFULL

D L4 1-6 IBIB HITSEQ

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 8 MAY 2006 HIGHEST RN 883439-06-3

DICTIONARY FILE UPDATES: 8 MAY 2006 HIGHEST RN 883439-06-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS  
for details.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

FILE HCAPLUS

FILE COVERS 1907 - 9 May 2006 VOL 144 ISS 20

FILE LAST UPDATED: 8 May 2006 (20060508/ED)

FILE USPATFULL

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 9 May 2006 (20060509/PD)

FILE LAST UPDATED: 9 May 2006 (20060509/ED)

CA INDEXING IS CURRENT THROUGH 9 May 2006 (20060509/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 9 May 2006 (20060509/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2006

## FILE USPAT2

FILE COVERS 2001 TO PUBLICATION DATE: 9 May 2006 (20060509/PD)  
FILE LAST UPDATED: 9 May 2006 (20060509/ED)  
CA INDEXING IS CURRENT THROUGH 9 May 2006 (20060509/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 9 May 2006 (20060509/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2006

## FILE TOXCENTER

FILE COVERS 1907 TO 9 May 2006 (20060509/ED)

## FILE MEDLINE

FILE LAST UPDATED: 9 MAY 2006 (20060509/UP). FILE COVERS 1950 TO DATE.

## FILE EMBASE

FILE COVERS 1974 TO 9 May 2006 (20060509/ED)

=> d que sta

L2 5 SEA FILE=REGISTRY PLU=ON ((GAGAGS){2}{GVGVP}{3}GKGVP(GVGP){4}(  
GAGAGS){2}){13}/SQSP  
L3 11 SEA L2  
L4 6 DUP REM L3 (5 DUPLICATES REMOVED)

=> d 14 1-6 ibib hitseq

L4 ANSWER 1 OF 6 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1  
 ACCESSION NUMBER: 2005:572329 HCAPLUS  
 DOCUMENT NUMBER: 143:102774  
 TITLE: Silk-elastin repeat sequence protein polymers for use  
 in personal care compositions  
 INVENTOR(S): Kumar, Manoj  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 107 pp., Cont.-in-part of U.S.  
 Ser. No. 800,179.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005142094	A1	20050630	US 2004-939036	20040910
US 2004180027	A1	20040916	US 2004-800179	20040312
CA 2517849	AA	20040923	CA 2004-2517849	20040312
EP 1610807	A2	20060104	EP 2004-720485	20040312

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK  
 PRIORITY APPLN. INFO.: US 2003-454077P P 20030312  
 US 2004-800179 A2 20040312  
 WO 2004-US7758 W 20040312

IT 856266-79-0P

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);  
 COS (Cosmetic use); PRP (Properties); THU (Therapeutic use); BIOL  
 (Biological study); PREP (Preparation); USES (Uses)  
 (amino acid sequence; silk-elastin repeat sequence protein polymers for  
 use in personal care compns.)

RN 856266-79-0 HCAPLUS

CN Silk-elastin repeat-containing protein SELP47K (synthetic) (9CI) (CA  
 INDEX NAME)

SEQ 1 GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP GVGPGVGP  
 51 GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP  
 101 GVGPGVGP GAGAGSGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG  
 151 VPGVGVPGVP GVGPGVGP GAGAGSGAGS GAGAGSGAGA GSGVGVPGVG  
 201 VPGVGVPGKG VPGVGVPGVP GVGPGVGP GAGAGSGAGS GAGAGSGAGA  
 251 GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP GVGPGVGP GAGAGSGAGS  
 301 GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP GVGPGVGP  
 351 GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP  
 401 GVGPGVGP GAGAGSGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG  
 451 VPGVGVPGVP GVGPGVGP GAGAGSGAGS GAGAGSGAGA GSGVGVPGVG  
 501 VPGVGVPGKG VPGVGVPGVP GVGPGVGP GAGAGSGAGS GAGAGSGAGA  
 551 GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP GVGPGVGP GAGAGSGAGS  
 601 GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP GVGPGVGP  
 651 GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP  
 701 GVGPGVGP GAGAGSGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG  
 751 VPGVGVPGVP GVGPGVGP GAGAGSGAGS

L4 ANSWER 2 OF 6 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 2  
 ACCESSION NUMBER: 2004:1019529 HCAPLUS

DOCUMENT NUMBER: 142:2503  
 TITLE: Conjugates of repeat sequence protein polymers with bioactive agents  
 INVENTOR(S): Collier, Katherine D.; Cuevas, William A.; Kumar, Manoj  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 54 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004234609	A1	20041125	US 2004-845936	20040514
CA 2524707	AA	20041202	CA 2004-2524707	20040514
WO 2004104020	A2	20041202	WO 2004-US15317	20040514
WO 2004104020	A3	20050428		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1633382	A2	20060315	EP 2004-752348	20040514
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK

PRIORITY APPLN. INFO.: US 2003-470464P P 20030514  
 WO 2004-US15317 W 20040514

IT 798312-18-2DP, conjugates  
 RL: COS (Cosmetic use); NUU (Other use, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (amino acid sequence; conjugates of repeat sequence protein polymers with bioactive agents)

RN 798312-18-2 HCAPLUS

CN Protein SELP45K (synthetic silk-elastin repeat domain-containing) (9CI)  
 (CA INDEX NAME)

SEQ 1 GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP GVGPGVGP

51 GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP

101 GVGPGVGP GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG

151 VPGVGVPGVP GVGPGVGP GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG

201 VPGVGVPGKG VPGVGVPGVP GVGPGVGP GAGSGAGAGS GAGAGSGAGA

251 GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP GVGPGVGP GAGSGAGAGS

301 GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP GVGPGVGP

351 GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP

401 GVGPGVGP GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG

451 VPGVGVPGVP GVGPGVGP GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG

501 VPGVGVPGKG VPGVGVPGVP GVGPGVGP GAGSGAGAGS GAGAGSGAGA

551 GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP GVGPGVGP GAGSGAGAGS

601 GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP GVGPGVGP

651 GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP

701 GVGPGVGP GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG

751 VPGVGPVGP VPGVGPVGP GAGSGAGAGS

L4 ANSWER 3 OF 6 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 3  
 ACCESSION NUMBER: 2004:999537 HCAPLUS  
 DOCUMENT NUMBER: 141:427734  
 TITLE: Controlled release of active agents from personal care  
 product compositions utilizing repeat sequence protein  
 polymers  
 INVENTOR(S): Kumar, Manoj; Mazeaud, Isabelle; Christiano, Steven  
 Patrick  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 34 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004228913	A1	20041118	US 2004-845775	20040514
CA 2524710	AA	20041202	CA 2004-2524710	20040514
WO 2004104021	A2	20041202	WO 2004-US15318	20040514
WO 2004104021	A3	20051124		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,  
 CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,  
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,  
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,  
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,  
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,  
 SN, TD, TG

EP 1624864	A2	20060215	EP 2004-752349	20040514
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR

PRIORITY APPLN. INFO.:  
 US 2003-470465P P 20030514  
 WO 2004-US15318 W 20040514

IT **794244-43-2P**  
 RL: BPN (Biosynthetic preparation); COS (Cosmetic use); PRP (Properties);  
 THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
 (Uses)  
 (amino acid sequence; controlled release of active agents from personal  
 care product comps. utilizing repeat sequence protein polymers)

RN 794244-43-2 HCAPLUS  
 CN Protein SELP47K (silk-elastin protein 47K) (synthetic repeat  
 domain-containing) (9CI) (CA INDEX NAME)

SEQ 1 GAGAGSGAGA GSGVGPVGP VPGVGPVPGK VPGVGPVGP VPGVGPVGP  
 51 GAGAGSGAGS GAGAGSGAGA GSGVGPVGP VPGVGPVPGK VPGVGPVGP  
 101 GVGPGVGP GAGAGSGAGS GAGAGSGAGA GSGVGPVGP VPGVGPVPGK  
 151 VPGVGPVGP VPGVGPVGP GAGAGSGAGS GAGAGSGAGA GSGVGPVGP  
 201 VPGVGPVGP VPGVGPVGP VPGVGPVGP GAGAGSGAGS GAGAGSGAGA  
 251 GSGVGPVGP VPGVGPVPGK VPGVGPVGP VPGVGPVGP GAGAGSGAGS  
 301 GAGAGSGAGA GSGVGPVGP VPGVGPVPGK VPGVGPVGP VPGVGPVGP

351 GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVGP  
 401 GVGPGVPGGA GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG  
 451 VPGVGVPGVGP GVGPGVPGGA GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG  
 501 VPGVGVPGKG VPGVGVPGVGP GVGPGVPGGA GAGSGAGAGS GAGAGSGAGA  
 551 GSGVGVPGVG VPGVGVPGKG VPGVGVPGVGP GVGPGVPGGA GAGSGAGAGS  
 601 GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVGP GVGPGVPGGA  
 651 GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVGP  
 701 GVGPGVPGGA GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG  
 751 VPGVGVPGVGP GVGPGVPGGA GAGSGAGAGS

L4 ANSWER 4 OF 6 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 4  
 ACCESSION NUMBER: 2004:759607 HCAPLUS  
 DOCUMENT NUMBER: 141:282398  
 TITLE: Use of repeat sequence protein polymers in personal  
 care compositions  
 INVENTOR(S): Kumar, Manoj; Cuevas, William A.  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 50 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004180027	A1	20040916	US 2004- <del>800179</del>	20040312
CA 2517849	AA	20040923	CA 2004-2517849	20040312
WO 2004080426	A2	20040923	WO 2004-US7758	20040312
WO 2004080426	A3	20050707		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1610807	A2	20060104	EP 2004-720485	20040312
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK			
US 2005142094	A1	20050630	US 2004-939036	20040910
WO 2005094868	A1	20051013	WO 2004-US29585	20040910
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2003-454077P P 20030312

US 2004-800179

A2 20040312

WO 2004-US7758

W 20040312

IT 757271-63-9P

RL: BPN (Biosynthetic preparation); COS (Cosmetic use); PRP (Properties);  
 BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (amino acid sequence; use of repeat sequence protein polymers in  
 personal care compns.)

RN 757271-63-9 HCAPLUS

CN Protein SELP45K (synthetic silk-elastin repeat domain-containing) (9CI)  
 (CA INDEX NAME)

SEQ 1 GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGPVGVP GVGPGVGP  
 51 GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGPVGVP  
 101 GVGPGVGPAGA GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG  
 151 VPGVGPVGVP GVGPGVGPAGA GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG  
 201 VPGVGPVGKG VPGVGPVGVP GVGPGVGPAGA GAGSGAGAGS GAGAGSGAGA  
 251 GSGVGVPGVG VPGVGVPGKG VPGVGPVGVP GVGPGVGPAGA GAGSGAGAGS  
 301 GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGPVGVP GVGPGVGPAGA  
 351 GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGPVGVP  
 401 GVGPGVGPAGA GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG  
 451 VPGVGPVGVP GVGPGVGPAGA GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG  
 501 VPGVGVPGKG VPGVGPVGVP GVGPGVGPAGA GAGSGAGAGS GAGAGSGAGA  
 551 GSGVGVPGVG VPGVGVPGKG VPGVGPVGVP GVGPGVGPAGA GAGSGAGAGS  
 601 GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGPVGVP GVGPGVGPAGA  
 651 GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGPVGVP  
 701 GVGPGVGPAGA GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG  
 751 VPGVGPVGVP GVGPGVGPAGA GAGSGAGAGS

L4 ANSWER 5 OF 6 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:950911 HCAPLUS

DOCUMENT NUMBER: 140:14537

TITLE: Synthesis of inorganic structures using templation and  
 catalysis by self assembled repeat protein polymers

INVENTOR(S): Kumar, Manoj

PATENT ASSIGNEE(S): Dow Corning Corporation, USA; Genencor International,  
 Inc.

SOURCE: PCT Int. Appl., 27 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003099465	A1	20031204	WO 2003-US15757	20030520
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2485177	AA	20031204	CA 2003-2485177	20030520

AU 2003233579 A1 20031212 AU 2003-233579 20030520  
 US 2004014186 A1 20040122 US 2003-441965 20030520  
 EP 1509336 A1 20050302 EP 2003-729016 20030520  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK  
 PRIORITY APPLN. INFO.: US 2002-381913P P 20020520  
 WO 2003-US15757 W 20030520  
 IT 629704-46-7  
 RL: ARU (Analytical role, unclassified); ANST (Analytical study)  
 (synthesis of inorg. structures using templation and catalysis by self  
 assembled repeat protein polymers)  
 RN 629704-46-7 HCAPLUS  
 CN 11: PN: WO03099465 SEQID: 19 claimed protein (9CI) (CA INDEX NAME)

SEQ 1 GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP GVGPGVGP  
 51 GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP  
 101 GVGPGVGPAGA GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG  
 151 VPGVGVPGVP GVGPGVGPAGA GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG  
 201 VPGVGVPGKG VPGVGVPGVP GVGPGVGPAGA GAGSGAGAGS GAGAGSGAGA  
 251 GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP GVGPGVGPAGA GAGSGAGAGS  
 301 GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP GVGPGVGPAGA  
 351 GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP  
 401 GVGPGVGPAGA GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG  
 451 VPGVGVPGVP GVGPGVGPAGA GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG  
 501 VPGVGVPGKG VPGVGVPGVP GVGPGVGPAGA GAGSGAGAGS GAGAGSGAGA  
 551 GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP GVGPGVGPAGA GAGSGAGAGS  
 601 GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP GVGPGVGPAGA  
 651 GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG VPGVGVPGVP  
 701 GVGPGVGPAGA GAGSGAGAGS GAGAGSGAGA GSGVGVPGVG VPGVGVPGKG  
 751 VPGVGVPGVP GVGPGVGPAGA GAGSGAGAGS

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 6 USPATFULL on STN  
 ACCESSION NUMBER: 2004:18884 USPATFULL  
 TITLE: Synthesis of inorganic structures using templation and  
 catalysis by self assembled repeat protein polymers  
 INVENTOR(S): Kumar, Manoj, Fremont, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004014186	A1	20040122
APPLICATION INFO.:	US 2003-441965	A1	20030520 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-381913P	20020520 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Killworth, Gottman, Hagan & Schaeff, L.L.P., One Dayton Centre, One South Main Street, Suite 500, Dayton, OH, 45402-2023	
NUMBER OF CLAIMS:	42	
EXEMPLARY CLAIM:	1	
LINE COUNT:	815	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.